

Title (en)
IMAGE PROCESSING APPARATUS AND CONTROL METHOD THEREFOR

Title (de)
BILDVERARBEITUNGSVORRICHTUNG UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)
APPAREIL DE TRAITEMENT D'IMAGE ET SON PROCÉDÉ DE COMMANDE

Publication
EP 3734540 A4 20211027 (EN)

Application
EP 18893774 A 20181106

Priority
• JP 2017248005 A 20171225
• JP 2018192136 A 20181010
• JP 2018041090 W 20181106

Abstract (en)
[origin: US2020302595A1] An image processing apparatus acquires a first image which captures a scene including an object from a first viewpoint position and a second image which captures a scene including the object from a second viewpoint position, and associates a coordinate position corresponding to a position of a feature of the object on the first image with a coordinate position corresponding to a position of a feature of the object on the second image. The image processing apparatus determines a partial region in the second image corresponding to a give region in the first image based on the association, generates a synthesized image by replacing an image of the given region using an image of the determined partial region, and superimposing variation data on the synthesized image.

IPC 8 full level
G06T 3/40 (2006.01); **G06T 11/60** (2006.01)

CPC (source: EP US)
G06T 1/0007 (2013.01 - US); **G06T 3/4038** (2013.01 - EP); **G06T 7/0006** (2013.01 - US); **G06T 7/33** (2017.01 - EP); **G06T 7/60** (2013.01 - US); **G06T 11/60** (2013.01 - EP); **G06T 2207/10016** (2013.01 - EP); **G06T 2207/30132** (2013.01 - US)

Citation (search report)
• [XII] US 2012262569 A1 20121018 - CUDAK GARY D [US], et al
• [I] EP 2911041 A1 20150826 - HARMAN INT IND [US]
• [A] WO 2017075247 A2 20170504 - ESSENTIAL PRODUCTS INC [US]
• [A] ORTNER THOMAS ET AL: "Visual analytics and rendering for tunnel crack analysis", VISUAL COMPUTER, SPRINGER, BERLIN, DE, vol. 32, no. 6, 11 May 2016 (2016-05-11), pages 859 - 869, XP035982460, ISSN: 0178-2789, [retrieved on 20160511], DOI: 10.1007/S00371-016-1257-5
• See also references of WO 2019130827A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 11416978 B2 20220816; US 2020302595 A1 20200924; CN 111527517 A 20200811; CN 111527517 B 20230922; EP 3734540 A1 20201104; EP 3734540 A4 20211027; JP 2019114238 A 20190711; JP 7058585 B2 20220422

DOCDB simple family (application)
US 202016897601 A 20200610; CN 201880084133 A 20181106; EP 18893774 A 20181106; JP 2018192136 A 20181010